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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/835,790	04/16/2001	James F. Smith	1044-AW	6049

27542 7590 11/25/2002

SAND & SEBOLT
4801 DRESSLER RD., N.W.
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CANTON, OH 44718

EXAMINER

RIDLEY, RICHARD

ART UNIT	PAPER NUMBER
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3651

DATE MAILED: 11/25/2002

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Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/835,790

Applicant(s)

SMITH ET AL.

Examiner

Richard Ridley

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 16 April 2001.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-36 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 1-21 and 24-36 is/are allowed.
- 6) ☒ Claim(s) 22, 23 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

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DETAILED ACTION

Claim Rejections - 35 USC § 112

1. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

2. Claim 22 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claim 22 recites the limitation “...**the sending units each selectively allowing fluid communication between the exterior of the sending unit and a duct system...**”. Since plural sending units are previously recited there is lack of antecedent basis for the limitation “the sending unit” in the claim. Which of the plurality of sending units does “the sending unit” refer to?

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 22, 23 are rejected under 35 U.S.C. 103(a) as being unpatentable over Wolever (USP 943,329) in view of Sindzinski (USP 2,761,633).

Wolever discloses a similar method comprising:

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- a. Inserting the carrier into one of a plurality of sending units (37), the sending units each selectively allowing fluid communication between the exterior of the sending unit and a duct system (the duct system is open to the atmosphere at the sending unit location when the carrier is being inserted), the duct system allowing one-way fluid communication from each send unit to a single receiving unit (open the sending unit being closed the vacuum pulls the carrier into a receiving unit 34)
- b. Transferring the carrier through the duct system (carriers move through the duct 26, 33)
- c. Receiving the carrier at the receiving unit (34 or EX2, labeled by examiner)
- d. Sealing the other of the plurality of sending units to prevent fluid communication between the exteriors of the other of the plurality of sending units and the duct system (the other sending units 37 are closed when not in use).

Wolever does not disclose the method of reducing the velocity of the carrier by passing the carrier through a braking tube disposed in the duct system. The device of Wolever shows the receiving unit (34, EX2) as a terminal of a pneumatic tube leading downwardly.

Sindzinski teaches the use of a braking tube (fig. 2 or 3) for the purpose of reducing the high speed of pneumatic dispatch carriers especially at the terminals of the pneumatic tubes leading downwardly which produce high carrier speeds due to the gravitational pull upon the carrier in addition to the suction of the system (C1/L19-25) as such reduction in velocity prevents damage to the carrier (C1/L35-45) thus instilling longevity to the system.

It would have been obvious to one having ordinary skill in the art at the time of the invention to have reduced the velocity of the carrier by passing the carrier through a braking tube disposed in the duct system, as taught by Sindzinski, in the carrier conveying apparatus of Wolever for the purpose of reducing the high speed of pneumatic dispatch carriers especially at the terminals of the pneumatic tubes leading downwardly which produce high carrier speeds due to the gravitational pull upon the carrier in addition to the suction of the system as such reduction in velocity prevents damage to the carrier thus instilling longevity to the system.

Conclusion

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.
4. Applicant's arguments with respect to the claims have been considered but are moot in view of the new ground(s) of rejection.
5. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event,

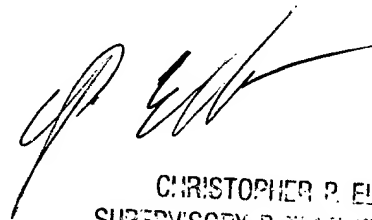
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however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Richard Ridley whose telephone number is (703) 306-5910. The examiner can normally be reached on Mon-Thur 7:00 am - 5:15 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chris Ellis can be reached on (703) 308-1113. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 305-7687 for regular communications and (703) 308-0552 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-1113.



CHRISTOPHER P. ELLIS
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 3600



Richard Ridley
November 20, 2002

Richard Ridley
Examiner
Art Unit 3651